

| L Number | Hits  | Search Text  | DB    | Time stamp       |
|----------|-------|--|-------|------------------|
| 1        | 15490 | buffer same region   | USPAT | 2003/04/24 14:07 |
| 2        | 15    | buffer same region same max same min   | USPAT | 2003/04/24 14:09 |
| 3        | 0     | buffer same region same max same min same threshold same access same limit   | USPAT | 2003/04/24 14:08 |
| 4        | 0     | buffer same region same max same min.ab.   | USPAT | 2003/04/24 14:08 |
| 5        | 2     | buffer same region same max same min same threshold  | USPAT | 2003/04/24 14:11 |
| 6        | 0     | buffer same region same max same memory same threshold   | USPAT | 2003/04/24 14:12 |
| 7        | 116   | buffer same region same memory same threshold  | USPAT | 2003/04/24 14:12 |
| 8        | 4     | buffer same region same memory same threshold same dma   | USPAT | 2003/04/24 14:12 |
| -        | 1530  | 710/22,52,53.ccls.   | USPAT | 2003/04/11 13:02 |
| -        | 1801  | 710/22,52,53-56.ccls.  | USPAT | 2003/04/11 13:02 |
| -        | 4     | 710/22,52,53-56.ccls. and transfer same size same buffer same region   | USPAT | 2003/04/11 13:12 |
| -        | 0     | 710/22,52,53-56.ccls. and remote same memory same local same transfer same size same buffer same region                                | USPAT | 2003/04/11 13:13 |
| -        | 0     | 710/22,52,53-56.ccls. and remote same local same transfer same size same buffer same region  | USPAT | 2003/04/11 13:13 |
| -        | 10    | 710/22,52,53-56.ccls. and remote same local same transfer same buffer  | USPAT | 2003/04/11 13:24 |
| -        | 4     | 710/22,52,53-56.ccls. and remote same local same transfer same buffer same (DMA or direct memory same access)                          | USPAT | 2003/04/11 13:54 |
| -        | 1     | 710/22.ccls. and 710/22,52,53-56.ccls. and remote same local same transfer same buffer same (DMA or direct memory same access)         | USPAT | 2003/04/11 14:01 |
| -        | 2     | 710/22.ccls. and 710/22,52,53-56.ccls. and remote same local same transfer same buffer same (RDMA or remote direct memory same access) | USPAT | 2003/04/11 14:01 |
| -        | 28    | 710/22,52,53-56.ccls. and remote same local same transfer  | USPAT | 2003/04/11 14:31 |
| -        | 8     | 710/22.ccls. and 710/22,52,53-56.ccls. and remote same local same transfer   | USPAT | 2003/04/11 14:31 |
| -        | 5     | 710/22.ccls. and 710/22,52,53-56.ccls. and remote same local same transfer same (memory or buffer)                                     | USPAT | 2003/04/11 14:39 |
| -        | 9024  | 710/22.ccls. and 710/22,52,53-56.ccls. and transfer same (memory or buffer) naer2 size same computers                                  | USPAT | 2003/04/11 14:42 |
| -        | 2     | 710/22.ccls. and 710/22,52,53-56.ccls. and transfer same (memory or buffer) same size same computers                                   | USPAT | 2003/04/11 14:40 |
| -        | 0     | 710/22.ccls. and 710/22,52,53-56.ccls. and transfer same (memory or buffer) near2 size same computers                                  | USPAT | 2003/04/11 14:41 |
| -        | 0     | 710/22.ccls. and 710/22,52,53-56.ccls. and transfer near2 size same (memory or buffer) same computers                                  | USPAT | 2003/04/11 14:43 |
| -        | 0     | 710/22.ccls. and 710/22,52,53-56.ccls. and transfer near2 size same (memory or buffer) same remote same local                          | USPAT | 2003/04/11 14:44 |
| -        | 3     | 710/22.ccls. and 710/22,52,53-56.ccls. and transfer same determine\$3 same (memory or buffer) same remote same local                   | USPAT | 2003/04/11 14:45 |
| -        | 5     | 710/22.ccls. and 710/22,52,53-56.ccls. and transfer same data same (memory or buffer) same remote same local                           | USPAT | 2003/04/11 15:17 |
| -        | 1     | 710/22.ccls. and 710/22,52,53-56.ccls. and transfer same data same memory same size same remote same local                             | USPAT | 2003/04/11 16:42 |
| -        | 23    | 710/22.ccls. and 710/22,52,53-56.ccls. and transfer same data same memory same computers   | USPAT | 2003/04/11 16:44 |

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|---|-------|--|-------|------------------|
| - | 223   | 710/22.ccls. and 710/22,52,53-56.ccls. and transfer same data same memory same computer  | USPAT | 2003/04/11 16:45 |
| - | 558   | 710/22.ccls.   | USPAT | 2003/04/11 16:46 |
| - | 1000  | 709/232-235.ccls.  | USPAT | 2003/04/11 16:46 |
| - | 0     | 710/22.ccls. and 709/232-235.ccls. same data same transfer same buffer same computer   | USPAT | 2003/04/11 16:47 |
| - | 2     | 710/22.ccls. and 709/232-235.ccls. and data same transfer same buffer same computer  | USPAT | 2003/04/11 16:49 |
| - | 318   | (710/22.ccls. or 709/232-235.ccls.) and data same transfer same (buffer or memory) same computer   | USPAT | 2003/04/11 16:50 |
| - | 345   | (710/22.ccls. or 709/232-235.ccls.) and data same transfer same (buffer or memory) same computer   | USPAT | 2003/04/11 16:50 |
| - | 345   | ((710/22.ccls. or 709/232-235.ccls.) and (data same transfer same (buffer or memory) same computer))   | USPAT | 2003/04/11 16:51 |
| - | 50931 | ((710/22.ccls. or 709/232-235.ccls.) and (data same transfer same (buffer or memory) same computer)) or transfer same size)  | USPAT | 2003/04/11 16:51 |
| - | 46    | (710/22.ccls. or 709/232-235.ccls.) and (data same transfer same (buffer or memory) same computers)  | USPAT | 2003/04/11 16:53 |
| - | 22    | (710/22.ccls. or 709/232-235.ccls.) and (data same transfer same (buffer or memory) same computers same Dma)   | USPAT | 2003/04/11 16:57 |
| - | 3     | (710/22.ccls. or 709/232-235.ccls.) and (data same transfer same (buffer or memory) same computers same Dma).ab.   | USPAT | 2003/04/11 17:00 |
| - | 0     | (710/22.ccls. or 709/232-235.ccls.) and (data same transfer same (buffer or memory) same computers same Dma).clm.  | USPAT | 2003/04/11 17:00 |
| - | 70    | (710/22.ccls. or 709/232-235.ccls.) and (data same transfer same (buffer or memory) same computer).clm.  | USPAT | 2003/04/11 17:00 |
| - | 2     | ((710/22.ccls. or 709/232-235.ccls.) and (data same transfer same (buffer or memory) same computers same Dma).ab.) and ((710/22.ccls. or 709/232-235.ccls.) and (data same transfer same (buffer or memory) same computer).clm.))  | USPAT | 2003/04/11 17:00 |
| - | 71    | ((710/22.ccls. or 709/232-235.ccls.) and (data same transfer same (buffer or memory) same computers same Dma).ab.) or ((710/22.ccls. or 709/232-235.ccls.) and (data same transfer same (buffer or memory) same computer).clm.))   | USPAT | 2003/04/11 17:01 |
| - | 71    | ((((710/22.ccls. or 709/232-235.ccls.) and (data same transfer same (buffer or memory) same computers same Dma).ab.) or ((710/22.ccls. or 709/232-235.ccls.) and (data same transfer same (buffer or memory) same computer).clm.)) and (memory or buffer) same transfer)           | USPAT | 2003/04/11 17:01 |
| - | 29    | ((((710/22.ccls. or 709/232-235.ccls.) and (data same transfer same (buffer or memory) same computers same Dma).ab.) or ((710/22.ccls. or 709/232-235.ccls.) and (data same transfer same (buffer or memory) same computer).clm.)) and (memory or buffer) same transfer same size) | USPAT | 2003/04/14 10:34 |
| - | 33898 | memory same region   | USPAT | 2003/04/14 10:35 |
| - | 21964 | memory same first and second same region   | USPAT | 2003/04/14 11:24 |
| - | 1172  | 709/232-235,212.ccls.  | USPAT | 2003/04/14 11:25 |
| - | 1948  | 710/52-57,22.ccls.   | USPAT | 2003/04/14 11:26 |

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|---|------|---|-------|------------------|
| - | 1474 | 709/232-235,212.ccls. or<br>710/52-57,22.ccls. and (memory same<br>transfer same size)  | USPAT | 2003/04/14 11:27 |
| - | 1214 | 709/232-235,212.ccls. or<br>710/52-57,22.ccls. and (memory same<br>transfer adj size)   | USPAT | 2003/04/14 11:27 |
| - | 1172 | 709/232-235,212.ccls. or<br>710/52-57,22.ccls. same (memory same<br>transfer adj size same computer)  | USPAT | 2003/04/14 11:28 |
| - | 2996 | 709/232-235,212.ccls. or<br>710/52-57,22.ccls. or (memory same<br>transfer adj size same computer)  | USPAT | 2003/04/14 11:28 |
| - | 1172 | 709/232-235,212.ccls. or<br>710/52-57,22.ccls. same (memory same<br>transfer adj size same computers)   | USPAT | 2003/04/14 11:28 |
| - | 1172 | 709/232-235,212.ccls. or<br>710/52-57,22.ccls. same (memory same<br>transfer\$3 adj size same computers)  | USPAT | 2003/04/14 11:28 |
| - | 1172 | 709/232-235,212.ccls. or<br>710/52-57,22.ccls. same (memory same<br>transfer\$3 adj size same computers)  | USPAT | 2003/04/14 12:29 |
| - | 191  | 709/212.ccls.   | USPAT | 2003/04/14 12:30 |
| - | 836  | 710/22,57.ccls.   | USPAT | 2003/04/14 12:30 |
| - | 1827 | ((memory same first and second same<br>region) or 709/232-235,212.ccls.)and<br>(transfer\$3 same size)  | USPAT | 2003/04/14 12:31 |
| - | 5    | ((memory same first and second same<br>region) or 709/232-235,212.ccls.)and (DMA<br>same transfer\$3 same size)   | USPAT | 2003/04/14 12:31 |
| - | 140  | ((memory same first and second same<br>region) or 709/232-235,212.ccls.)and (DMA<br>same transfer\$3 same size)   | USPAT | 2003/04/14 12:32 |
| - | 34   | ((memory same first and second same<br>region) or 709/232-235,212.ccls.)and (DMA<br>same transfer\$3 same packet same size)   | USPAT | 2003/04/14 12:33 |
| - | 8    | ((memory same first and second same<br>region) or 709/232-235,212.ccls.)and (FIFO<br>same DMA same transfer\$3 same packet same<br>size)                            | USPAT | 2003/04/14 12:39 |
| - | 20   | ((memory same first and second same<br>region) or 709/232-235,212.ccls.)and<br>(buffer same DMA same transfer\$3 same<br>packet same size)                          | USPAT | 2003/04/14 12:39 |
| - | 18   | ((memory same first and second same<br>region) or 709/232-235,212.ccls.)and<br>(buffer same DMA same transfer\$3 same data<br>same packet same size)                | USPAT | 2003/04/14 13:29 |
| - | 0    | ((memory same first and second same<br>region) or 709/232-235,212.ccls.)and<br>(buffer same DMA same transfer\$3 same data<br>same packet same size same computers) | USPAT | 2003/04/14 13:29 |
| - | 3    | ((memory same first and second same<br>region) or 709/232-235,212.ccls.)and<br>(buffer same DMA same transfer\$3 same data<br>same packet same size same computer)  | USPAT | 2003/04/14 13:32 |
| - | 15   | ((memory same first and second same<br>region) or 709/232-235,212.ccls.)and<br>(buffer same DMA same transfer\$3 same size<br>same computer)                        | USPAT | 2003/04/14 13:35 |
| - | 9    | ((memory same first and second same<br>region) or 709/232-235,212.ccls.)and<br>(buffer same DMA same transfer\$3 same<br>packet same size same computer)            | USPAT | 2003/04/14 14:03 |
| - | 9    | ((memory same first and second same<br>region) or 709/232-235,212.ccls.) and<br>(buffer same DMA same transfer\$3 same<br>packet same size same computer)           | USPAT | 2003/04/14 14:04 |
| - | 1476 | 710/52-57.ccls.   | USPAT | 2003/04/14 14:04 |

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|---|-------|---|---|------------------|
| - | 10    | (710/52-57.ccls. or (memory same first and second same region) or 709/232-235,212.ccls.) and (buffer same DMA same transfer\$3 same packet same size same computer)                       | USPAT   | 2003/04/14 14:05 |
| - | 1000  | 709/232-235.ccls.   | USPAT   | 2003/04/14 14:05 |
| - | 10    | (710/52-57.ccls. or (memory same first and second same region) or 709/232-235,212.ccls. or 709/232-235.ccls.) and (buffer same DMA same transfer\$3 same packet same size same computer)  | USPAT   | 2003/04/14 14:06 |
| - | 10    | (710/52-57.ccls. or (memory same first and second same region) or 709/232-235,212.ccls. or 709/232-235.ccls.) and (buffer same DMA same transfer\$3 same packet same size same computer)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/04/14 14:06 |
| - | 0     | (710/52-57.ccls. or (memory same first and second same region) or 709/232-235,212.ccls. or 709/232-235.ccls.) and (buffer same DMA same transfer\$3 same packet same size same computers) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/04/14 14:06 |
| - | 10    | (710/52-57.ccls. or (memory same first and second same region) or 709/232-235,212.ccls. or 709/232-235.ccls.) and (buffer same DMA same transfer\$3 same packet same size same computer)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/04/14 14:07 |
| - | 24438 | 710/52-57.ccls. or (memory same first and second same region) or 709/232-235,212.ccls. or 709/232-235.ccls. and buffer same DMA same transfer\$3 same packet same size same computer      | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/04/14 14:07 |
| - | 10    | (710/52-57.ccls. or (memory same first and second same region) or 709/232-235,212.ccls. or 709/232-235.ccls.) and buffer same DMA same transfer\$3 same packet same size same computer    | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/04/14 14:07 |
| - | 0     | (710/52-57.ccls. or (memory same first and second same region) or 709/232-235,212.ccls. or 709/232-235.ccls.) and buffer same DMA same transfer\$3 adj size same packet same computer     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/04/14 14:08 |
| - | 0     | (710/52-57.ccls. or (memory same first and second same region) or 709/232-235,212.ccls. or 709/232-235.ccls.) and buffer same DMA same (transfer\$3 adj size) same packet same computer   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/04/14 14:08 |
| - | 0     | (710/52-57.ccls. or (memory same first and second same region) or 709/232-235,212.ccls. or 709/232-235.ccls.) and (buffer same DMA same (transfer\$3 adj size) same packet same computer) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/04/14 14:08 |
| - | 23400 | (710/52-57.ccls. or (memory same first and second same region))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/04/14 14:08 |
| - | 91    | (710/52-57.ccls. or (memory same first and second same region)) and transfer\$3 adj size  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/04/14 14:09 |

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|---|------|--|---|------------------|
| - | 56   | (710/52-57.ccls. or (memory same first and second same region)) and transfer\$3 adj size same memory                           | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/04/14 14:10 |
| - | 0    | (710/52-57.ccls. or (memory same first and second same region)) and transfer\$3 adj size same memory same buffer.ab.           | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/04/14 14:10 |
| - | 0    | (710/52-57.ccls. or (memory same first and second same region)) and (transfer\$3 adj size same memory same buffer.ab.)         | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/04/14 14:11 |
| - | 35   | (710/52-57.ccls. or (memory same first and second same region)) and transfer\$3 adj size same memory same buffer               | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/04/14 14:22 |
| - | 3    | (710/52-57.ccls. or (memory same first and second same region)) and transfer\$3 adj size same memory same buffer same computer | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/04/14 14:12 |
| - | 7    | (710/52-57.ccls. or (memory same first and second same region)) and (transfer\$3 adj size same DMA same memory same buffer)    | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/04/15 10:48 |
| - | 1    | ("5761507").PN.  | USPAT   | 2003/04/15 10:49 |
| - | 559  | 710/22.ccls.   | USPAT   | 2003/04/15 10:53 |
| - | 983  | 710/22,53,57.ccls.   | USPAT   | 2003/04/15 10:54 |
| - | 2    | 710/22,53,57.ccls. and memory same transfer\$3 same size same computers  | USPAT   | 2003/04/15 10:59 |
| - | 0    | 710/22,53,57.ccls. and memory same transfer\$3 same sizes same computers   | USPAT   | 2003/04/15 10:59 |
| - | 1178 | 709/232-235,212.ccls.  | USPAT   | 2003/04/15 10:59 |
| - | 0    | 709/232-235,212.ccls. and memory same transfer\$3 same size same computers same dma  | USPAT   | 2003/04/15 11:00 |
| - | 1183 | 709/232-235,212.ccls. or memory same transfer\$3 same size same computers same dma   | USPAT   | 2003/04/15 11:01 |
| - | 6    | 709/232-235,212.ccls. and memory same transfer\$3 same size same computers   | USPAT   | 2003/04/15 11:07 |
| - | 1953 | 710/52-57,22.ccls.   | USPAT   | 2003/04/15 11:07 |
| - | 2    | 710/52-57,22.ccls. and memory same transfer\$3 same size same computers  | USPAT   | 2003/04/15 11:08 |
| - | 1178 | 709/232-235,212.ccls.  | USPAT   | 2003/04/15 11:08 |
| - | 6    | 709/232-235,212.ccls. and memory same transfer\$3 same size same computers   | USPAT   | 2003/04/15 11:09 |
| - | 6    | 709/232-235,212.ccls. and (memory or buffer) same transfer\$3 same size same computers   | USPAT   | 2003/04/15 11:09 |
| - | 46   | 709/232-235,212.ccls. and (memory or buffer size) same transfer\$3 same computers  | USPAT   | 2003/04/15 11:09 |
| - | 46   | 709/232-235,212.ccls. and (memory size or buffer size) same transfer\$3 same computers   | USPAT   | 2003/04/15 11:26 |
| - | 4    | 709/232-235,212.ccls. and (memory size or buffer size) same transfer\$3 same computers.ab.                                     | USPAT   | 2003/04/15 11:20 |
| - | 1    | ("6118936").PN.  | USPAT   | 2003/04/15 11:21 |
| - | 1    | ("6473609").PN.  | USPAT   | 2003/04/15 11:21 |
| - | 3    | server same queue same worker.ab.  | USPAT   | 2003/04/15 11:26 |
| - | 25   | server same queue same worker  | USPAT   | 2003/04/15 14:02 |
| - | 19   | server same queue same worker same threads   | USPAT   | 2003/04/15 14:04 |
| - | 0    | server same queue same worker same threads same upper same limit   | USPAT   | 2003/04/15 14:05 |

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|---|-----|---|-------|------------------|
| - | 0   | server same queue same worker same threads<br>same upper              | USPAT | 2003/04/15 14:05 |
| - | 0   | server same queue same worker same threads<br>same threshold          | USPAT | 2003/04/15 14:07 |
| - | 1   | server same queue same threads same<br>threshold                      | USPAT | 2003/04/15 14:42 |
| - | 1   | ("5761507").PN.   | USPAT | 2003/04/15 14:42 |
| - | 503 | clusters same head  | USPAT | 2003/04/15 16:55 |
| - | 13  | communication same clusters same head                                 | USPAT | 2003/04/15 16:56 |
| - | 2   | communication same clusters same head same<br>transmitter             | USPAT | 2003/04/15 16:58 |
| - | 0   | communication same clusters same head same<br>transmitter same memory | USPAT | 2003/04/15 16:59 |
| - | 13  | communication same clusters same head                                 | USPAT | 2003/04/15 17:00 |